BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:

COMPLETE THE FOLLOWING



BINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

named inventor, I hereby declare that my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention enhitled:

	invention entitled:						-		
Insert Title:	SEAMLESS INTEGRA	TED NETWOR	K SYSTEM FOR WIRE	LESS COMMUNICAT	TON SYSTEMS				
Fill in Appropriate Information - For Use Without Specification Attached:	the specification of which is attached hereto. If not attached hereto, the specification was filed on March 7, 2002 United States Application Number 10/092152 united States Application Number 10/092152 and amended on (if applicable) and/or the specification was filed on as PCT International Application Number and understand the contents of the above-identified specification, including the claims, amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Feder Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my leg representative or assigns more than twelve months (six months for designs) prior to this application, and that no application has been filed in any country foreign to the United States of America prior to the application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for pate or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:								
	Prior Foreign Application(s)			Priority Claimed					
Insert Priority Information: (if appropriate)	<u>2001-272661</u> (Number)	<u> [APAN</u> (Country)		September 7, 20 (Month/Day/Y		⊠ Yes	□ No		
	(Number)	(Country)		(Month/Day/)	(ear Filed)	☐ Yes	□ No		
	(Number)	(Country)	<u> </u>	(Month/Day/)	(ear Filed)	☐ Yes	□ No		
	(Number)	(Country)		(Month/Day/)	(ear Filed)	Yes	. 🔲 No		
	I hereby claim the bene	fit under Title 3	35, United States Code,	§119(e) of any United	States provisional a	pplications(s) li	sted below.		
Insert Provisional Application(s): (if any)	(Application Number)			(Filing Date	2)				
	(Application Number) (Filing Date)								
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior the Filing Date of This Application:								
	Country		Application Number	r D	Date of Filing (Month	n/Day/Year)			
Insert Requested Information: (if appropriate)									
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PC application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclos information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
Insert Prior U.S. Application(s): (if any)	(Application Number)		(Filing Date)	(5	Status - patented, pe	nding, abandon	ed)		
Page 1 of 2 (Rev. 12/19/01)	(Application Number)		(Filing Date)	(5	Status - patented, pe	ending, abandon	ed)		

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE **FOLLOWING:**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor: Ingert Name of	GIVEN NAME/FAMILY NAME	INVENTORSSIGNATURE		DATE*					
Investor Insert Date This Document is Signed	Gang WU	Kars		05/13/2002					
lesent Residence	Residence (City, State & Country)		CITIZENSHIP						
beret Citizenship →	Koganei-shi, Tokyo, JAPAN	Chinese							
Insert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo,								
	IAPAN 184-0015								
Full Name of Second Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
ace above	Mikio HASEGAWA	是公川等雄		7/May/2002					
	Residence (City, State & Country)		CITIZENSHII	, , , ,					
	Koganei-shi, Tokyo, JAPAN	Japanese							
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo,								
	JAPAN 184-0015								
Full Name of Third fovestor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
are above	Homare MURAKAMI	村上		7/May/2002					
	Residence (City, State & Country)		CTTIZENSHIP.						
	Koganei-shi, Tokyo, JAPAN	Japanese							
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo,								
	JAPAN 184-0015								
Full Name of Fourth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTORSSIGNATURE		DATE*					
see above	Mitsuhiko MIZUNO	1人代野 光秀		7/1/2012					
	Residence (City, State & Country)	1	CTTIZENSHII	? '					
	Koganei-shi, Tokyo, JAPAN		Japanese						
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo,								
	JAPAN 184-0015								
Full Name of Fifth Investor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
see above									
	Residence (City, State & Country)	CITIZENSHIP							
				_					
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
Full Name of Sixth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
ne above	1								
	Residence (City, State & Country)		CITIZENSHIP						
			1						